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Substitute for form 1449/PTO

(Use as many sheets as necessary)

Sheet	1
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of 1

Complete if Known

Application Number	10/685.965
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Filing Date	October 15, 2003
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First Named Inventor	David W. Bainbridge
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Art Unit	1771
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Examiner Name	H. V.
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Attorney Docket Number	2400/14(b)
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U. S. PATENT DOCUMENTS

[illegible]

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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Application Number	10/685.965
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Filing Date	October 15, 2003
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First Named Inventor	David W. Bainbridge
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Art Unit	1771
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Examiner Name _____

Attorney Docket Number	2400/14(b)
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Sheet	1	of	1
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U. S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

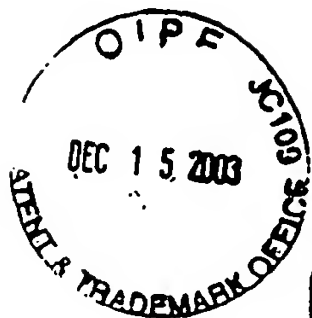
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Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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PTO/SB/08A (10-01)

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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

1

of

1

Complete if Known

Application Number	10/685,965
Filing Date	10/15/03
First Named Inventor	Bainbridge
Art Unit	1771
Examiner Name	H. Vo
Attorney Docket Number	2400/14(b)

U.S. PATENT DOCUMENTS

Examiner Initials ²	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ³ (if known)			
HV		US- 3,674,684	7/4/72	Gollan	
		US- 5,356,344	10/18/94	Lemieux	
		US- 5,373,667	12/20/94	Lemieux	
		US- 6,375,546	4/23/02	Lemieux	
		US- 6,602,113	8/5/03	Lemieux	
		US- 6,558,548	5/6/03	Svirklys	
		US-			
		US-			
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FOREIGN PATENT DOCUMENTS

Examiner Initials ²	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	-Number ⁴ - Kind Code ⁵ (if known)				

Examiner
Signature

Hai Vo

Date
Considered

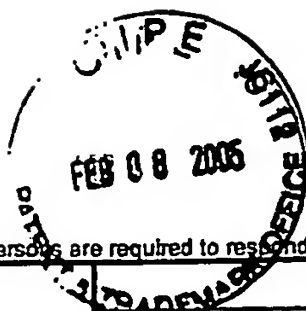
04/07/05

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known	
		Application Number	10/685,783
		Filing Date	October 15, 2003
		First Named Inventor	David W. Bainbridge
		Art Unit	1771
		Examiner Name	H. Vo
Sheet 1	of 1	Attorney Docket Number	2400/14(a)

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
HV		A DVD disc entitled "Lectro Engineering Company, MTM Systems." About 3 to 3 1/2 minutes into a section of the disc designated as "Product Line" there is mention and depiction of electrical plasma treatment of shredded plastic bulk or powdered material.	

Examiner Signature	Hai Vo	Date Considered	04/07/05
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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

2

of

9

Complete If Known

Application Number

Filing Date

First Named Inventor

Group Art Unit

Examiner Name

Attorney Docket Number

U.S. PATENT DOCUMENTS

Examiner Initials ¹	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
KV		5,103,517		Krouskov	04-14-92	
		5,134,726		Ross	08-04-92	
		5,201,780		Dinsmoor, III et al.	04-13-93	
		5,369,829		Jay	12-06-94	
		5,397,620		Hord, III	03-14-95	
		5,464,443		Wilson et al.	11-07-95	
		5,545,128		Haves et al.	08-13-96	
		5,584,072		Kim et al.	12-17-96	
		5,626,657		Pearce	05-06-97	
		5,669,079		Morgan	09-23-97	
		5,675,844		Guyton et al.	10-14-97	
		5,699,561		Broersma	12-23-97	
		5,711,029		Visco et al.	01-27-98	
		5,357,015		Haruvy et al.	10-18-94	
		5,922,161		Wu et al.	07-13-99	

FOREIGN PATENT DOCUMENTS

Examiner Initials ¹	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	TS
		Office ³	Number ⁴	Kind Code ⁵ (if known)				

Examiner
Signature

Hai V

Date
Considered

04/07/05

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²Unique citation designation number. ³See attached Kinds of U.S. Patent Documents. ⁴Enter Office that issued the document by the two-letter code (WIPO Standard ST.31). ⁵For Japanese patent documents, the indication of the year or the reign of the Emperor must precede the serial number of the patent document. ⁶Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 18 if possible. ⁷Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete If Known	
				Application Number	
				Filing Date	Herewith
				First Named Inventor	David W. Bainbridge
				Group Art Unit	1771
				Examiner Name	H. Vo
Sheet	3	of	9	Attorney Docket Number	2400/14(b)

U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code (if known)			
KV		3,477,562		Allen et al.	11-11-1969	
		3,563,837		Smith et al.	02-16-1971	
		3,606,726		Spertus et al.	09-21-1971	
		3,889,444		Davis et al.	06-17-1975	
		3,968,620		Keltner	07-13-1976	
		4,054,204		Keeton	10-18-1977	
		4,102,109		Modra et al.	07-25-1978	
		4,121,399		Verville	10-24-1978	
		4,391,561		Smith et al.	07-05-1983	
		4,640,080		Wright	02-03-1987	
		5,052,874		Johansen	10-01-1991	
		5,079,787		Pollmann	01-14-1992	
		5,351,830		Bender et al.	10-04-1994	
		5,515,975		Jarvis et al.	05-14-1996	
		5,622,030		Steed et al.	04-22-1997	
		5,694,747		Tesch	12-09-1997	
		5,711,215		Sextl et al.	01-27-1998	
KV		5,712,015		Guillen	01-27-1998	

[illegible]

Examiner Signature	Hai Vo	Date Considered	04/07/05
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Signature _____ Date _____

*EXAMINER: Initial & reference considered, whether or not citation is in conformance with MPSP 509. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique accession designation number. ² See attached Vines of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449A/PTO			Complete If Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Application Number		
			Filing Date	Herewith	
			First Named Inventor	David W. Bainbridge	
			Group Art Unit	1771	
			Examiner Name	H. Vo	
Sheet	4	of	9	Attorney Docket Number	2400/14(b)

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U.S. PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
HV		2,298,218		Madson	06-27-1940	/
		3,608,961		Heck	09-28-1971	
		3,762,404		Sakita	10-02-1973	
		3,968,530		Dyson	07-13-1976	
		4,171,549		Morrell et al.	10-23-1979	
		4,370,754		Donzis	02-01-1983	
		4,432,110		Sutton	02-21-1984	
		4,475,248		L'Abbe et al.	10-09-1984	
		4,577,358		Glass	03-25-1986	
		4,606,087		Alivizatos	08-19-1986	
		4,607,403		Alivizatos	08-26-1986	
		4,905,320		Souvers, Jr.	03-06-1990	
		5,134,725		Yeshurun et al.	08-04-1992	
		5,152,019		Hirata	10-06-1992	
		5,279,237		Alivizatos	01-18-1994	
		5,537,688		Reynolds et al.	07-23-1996	
		5,733,012		Jones	03-31-1998	
		5,778,470		Haider	07-14-1998	
HV		5,826,273		Eckes	10-27-1998	

FOREIGN PATENT DOCUMENTS								
Examiner Initials ¹	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
		Office ⁴	Number ⁴	Kind Code ⁵ (if known)				
HV		FR	2495-453		Comte	06-11-1982	/	
HV		FR	2616-655		Luc	12-23-1988		

Examiner Signature	Hai Vo	Date Considered	04/07/05
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				Filing Date	Herewith
				First Named Inventor	David W. Bainbridge
				Group Art Unit	1771
				Examiner Name	H. V.
				Attorney Docket Number	2400/14(b)
Sheet	5	of	9		

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.†	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code* (If known)			
H		2,404,758		Teague et al.	12-10-1940	
		3,006,780		Shaffer	11-04-1959	
		3,304,219		Nickerson	05-02-1962	
		3,616,162		Noziere	10-26-1971	
		3,857,731		Merrill, Jr. et al.	12-31-1974	
		3,864,181		Wolinski et al.	02-04-1975	
		4,624,893		Shibano et al.	11-25-1986	
		4,705,715		DeCoste, Jr. et al.	11-10-1987	
		4,740,416		DeCoste, Jr. et al.	04-26-1988	
		4,855,170		Darvell et al.	08-08-1989	
		5,055,340		Matsumura et al.	10-08-1991	
		5,614,310		Delgado et al.	03-25-1997	
		5,720,714		Penrose	02-24-1998	
		5,746,013		Fay, Sr.	05-05-1998	
		4,756,026		Pierce	07-12-88	
		5,301,370		Henson	04-12-94	
		3,489,154		Kaspar et al.	01-13-70	
H		5,916,672		Reeves	06-29-99	

[illegible]

Examiner Signature	Hai Vo	Date Considered	04/07/05
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<div style="display: flex; justify-content: space-between;"><div style="width: 45%;"><p>Substitute for form 1449A/PTO</p><h2 style="text-align: center;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</h2><p style="text-align: center;">(use as many sheets as necessary)</p></div><div style="width: 50%; border: 1px solid black; padding: 5px;"><p style="text-align: center; margin-top: 0;">Complete if Known</p><table border="1" style="width: 100%; border-collapse: collapse;"><tr><td style="width: 50%;">Application Number</td><td style="width: 50%;"></td></tr><tr><td>Filing Date</td><td>Herewith</td></tr><tr><td>First Named Inventor</td><td>David W. Bainbridge</td></tr><tr><td>Group Art Unit</td><td>1771</td></tr><tr><td>Examiner Name</td><td>H. Vo</td></tr><tr><td>Attorney Docket Number</td><td>2400/14(b)</td></tr></table></div></div>				Application Number		Filing Date	Herewith	First Named Inventor	David W. Bainbridge	Group Art Unit	1771	Examiner Name	H. Vo	Attorney Docket Number	2400/14(b)
Application Number															
Filing Date	Herewith														
First Named Inventor	David W. Bainbridge														
Group Art Unit	1771														
Examiner Name	H. Vo														
Attorney Docket Number	2400/14(b)														
Sheet	6	of	9												

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials ¹	Cite No. ²	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ³
HV		Sales Literature of Faytex Corp., circa 1998	
		Sales Literature of JSP International 1998	
		Sales Brochure "Product Samples" of JSP International 1998	
		Internet Ad of EcoByDesign 2003	
		Internet Ad of Midwest Padding 2003	
		Internet Ad of SilentWalk 2003	
HV		Internet Ad of Tuplex Corp. 2003	

Examiner Signature	Hai Vo	Date Considered	04/07/05
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				Application Number	
				Filing Date	Herewith
				First Named Inventor	David W. Bainbridge
				Group Art Unit	1771
				Examiner Name	H. Vo
				Attorney Docket Number	2400/14(b)
Sheet	7	of	9		

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
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		6,453,477		Bainbridge	9-24-2002	

[illegible]

Examiner Signature	Hai Vo	Date Considered	04/07/05
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		Number	Kind Code ² (if known)			
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		Office ³	Number ⁴	Kind Code ⁵ (If known)				
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